



## Features

- ARM Cortex A8 (1GHz)
- 800x480 (WVGA) TFT, 300 cd/m<sup>2</sup>, 20,000 hours
- DC 24V±20%
- Plastic chassis, fanless design
- Panel or VESA 75mm x 75mm mount, IP65 front bezel
- ESD Protection: Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A
- Suitable for industrial applications

## Specifications

Display type	7" TFT
Resolution	800 x 480
Display area	154.08mm x 85.92mm
Color depth	64K
Backlight type	LED
Brightness	300 cd/m <sup>2</sup>
Backlight lifetime	20,000 hours
Viewing angle (H°/V°)	140/120
Contrast	500:1
Touch panel	4-wire resistive type
CPU	ARM Cortex-A8 (1GHz)
Flash memory	4G Bytes eMMC
DRAM	512M Bytes
FRAM (non-volatile)	32K Bytes
RTC	Yes
COM1	RS232/422/485
COM2	RS232/422/485
COM3	RS232/485 or CAN bus (option)
Ethernet	1x 10/100 Mbit or 2x 10/100 Mbit (option)
USB	1x Host, 1x Device
Memory card	SD Card
Power supply voltage	DC 24V ±20%, isolated power
Power consumption	8W
Operation temperature	0 ~ 50°C
Storage temperature	-20 ~ 60°C
Humidity	10% ~ 90% (non-condensing) @40°C
Waterproof (front)	IP65
ESD Protection	Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A

Dimension	199.8mm(W) x 147.8mm(H) x 39.8mm(D)
Cut-out	185.2mm(W) x 133.2mm(H)
Weight(Net)	0.68Kg

## Ordering Information

IPR-P07F-N	7", 800x480 pixel, TI ARM® Cortex™ A8, Sitara™ AM3352 (1GHz), eMMC 4G, SDRAM 512M, COM1 (RS232/RS422/RS485), COM2 (RS232/RS422/RS485), COM3 (RS232/RS485), USB (1 Host/1 Device), Ethernet, SD Card, 24V±20% DC
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## Dimensions

